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<110> Niewiarowski, Stefan
       Marcinkiewicz, Cezary
       Temple University, of the Commonwealth System of Higher Education
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 <151> 1997-08-15
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<213> Echis carinatus

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Arg Ala Gly Thr Val Cys Lys Arg Ala Val Gly Asp Asp Val Asp Asp
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Tyr Cys Ser Gly Ile Thr Pro Asp Cys Pro Arg Asn Arg Tyr Lys Gly
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Lys Glu Asp
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                  5
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Gly Glu His Cys Ile Ser Gly Pro Cys Cys Arg Asn Cys Lys Phe Leu
                                 25
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Tyr Cys Thr Gly Ile Ser Thr Asp Cys Pro Arg Asn Arg Tyr Lys Gly
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Lys Glu Asp
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                                      10
                                                          15
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             20
                                 25
Arg Ala Gly Thr Val Cys Wys Arg Ala Val Gly Asp Asp Met Asp Asp
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                             40
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Asn Gly Lys Thr Cys Asp Cys Pro Arg Asn Pro His Lys Gly Pro Ala
                             40
                                                 45
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6,6

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Cys Glu Gln Cys Lys Phe Ser Arg Ala Gly Lys Ile Cys Arg Ile Pro
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Arg Gly Asp Met Pro Asp Asp/Arg Cys Thr Gly Gln Ser Ala Asp Cys
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Asn Ser Val His Pro Cys Cys Asp Pro Val Lys Cys Glu Pro Arg Glu

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Gly Glu His Cys Ile Ser Gly Pro Cys Cys Arg Asn Cys Tyr Phe Leu 20 25 30

Xaa Ala Gly Thr Xaa Cys Lys Arg Ala Val Gly Asp Asp Val Asp Asp 35 40 45

Tyr Cys Ser Gly Ile Thr Pro Asp Cys Pro Arg Asn Arg Tyr Lys Xaa 50 55 60

Lys Xaa Asp 65

<210> 20

<211> 67

<212> PRT

<213> Echis carinatus

<220>

<221> VARIANT

<222> (11)

<223> K or T

<220>

<221> VARIANT

<222> (40)

<223> R or K

<220>

<221> VARIANT

<222> (55)

<223> T or S

<400> 20

Asn Ser Val His Pro Cys Cys Asp Pro Val Xaa Cys Glu Pro Arg Glu

1 5 10 15

Gly Glu His Cys Ile Ser Gly Pro Cys Cys Arg Asn Cys Lys Phe Leu 20 25 30

Asn Ala Gly Thr Ile Cys Lys Xaa Ala Met Leu Asp Gly Leu Asn Asp 35 40 45

Tyr Cys Thr Gly Ile Ser Xaa Asp Cys Pro Arg Asn Arg Tyr Lys Gly 50 55 60

Lys Glu Asp 65